

## Safety Data Sheet



## Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

### 1.1 Product identifier

- Product Name** ● **C-Cement**  
**Product Code** ● 80802377 (98-680); 80805238 (98-681); 80806201 (98-682)

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

- Relevant identified use(s)** ● Adhesive

### 1.3 Details of the supplier of the safety data sheet

- Manufacturer** ● Patch Rubber Company  
 100 Patch Rubber Road  
 Weldon, NC 27890  
 United States
- Telephone (General)** ● (252)-536-2574
- Responsible party** ● Christian Gimenez  
 Intertek Analytical Services France  
 France

- Telephone (Technical)** ● 33 (0) 6 07 11 22 15

### 1.4 Emergency telephone number

- Manufacturer** ● 1-800-424-9300 - CHEMTREC  
**Manufacturer** ● +1 703-527-3887 - CHEMTREC - Outside USA & CANADA (collect calls accepted)

## Section 2: Hazards Identification

### EU/EEC

According to EU Directive 1272/2008 (CLP)/REACH 1907/2006 [amended by 453/2010]  
 According to EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

### 2.1 Classification of the substance or mixture

- CLP**
- Flammable Liquids 2 - H225
  - Skin Irritation 2 - H315
  - Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336
  - Hazardous to the aquatic environment Acute 1 - H400
  - Hazardous to the aquatic environment Chronic 1 - H410
- DSD/DPD**
- Highly Flammable (F)

Irritant (Xi)  
 Harmful (Xn)  
 Dangerous to the Environment (N)  
 R11, R38, R50, R53, R67

## 2.2 Label Elements

### CLP

#### DANGER



- Hazard statements**
- H225 - Highly flammable liquid and vapour
  - H315 - Causes skin irritation
  - H336 - May cause drowsiness or dizziness
  - H400 - Very toxic to aquatic life
  - H410 - Very toxic to aquatic life with long lasting effects

#### Precautionary statements

- Prevention**
- P210 - Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
  - P273 - Avoid release to the environment.
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- Response**
- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
  - P331 - Do NOT induce vomiting.
- Storage/Disposal**
- P501 - Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

### DSD/DPD



- Risk phrases**
- R11 - Highly flammable.
  - R38 - Irritating to skin.
  - R67 - Vapours may cause drowsiness and dizziness.
  - R50 - Very toxic to aquatic organisms.
  - R53 - May cause long-term adverse effects in the aquatic environment.
- Safety phrases**
- S2 - Keep out of reach of children.
  - S9 - Keep container in a well ventilated place
  - S16 - Keep away from sources of ignition - No Smoking.
  - S29 - Do not empty into drains.
  - S33 - Take precautionary measures against static discharges.
  - S60 - This material and its container must be disposed of as hazardous waste.
  - S61 - Avoid release to the environment. Refer to special instructions/ Safety Data Sheets.
  - S62 - If swallowed, do not induce vomiting. Seek medical advice immediately and show the container or label.

## 2.3 Other Hazards

### CLP

- According to Regulation (EC) No. 1272/2008 (CLP) this material is considered hazardous.  
This material contain less than 0.1% Benzene therefore the carcinogen and mutagen classifications listed in Annex VI are not applicable.

### DSD/DPD

- According to European Directive 1999/45/EC this preparation is not considered dangerous.  
This material contain less than 0.1% Benzene therefore the carcinogen and mutagen classifications listed in Annex I are not applicable.

## United States (US) According to OSHA GHS

## 2.1 Classification of the substance or mixture

OSHA HCS 2012

- Flammable Liquids 2 - H225
- Skin Irritation 2 - H315
- Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects - H336

## 2.2 Label elements

OSHA HCS 2012

### DANGER



- Hazard statements**
- Highly flammable liquid and vapour - H225
  - Causes skin irritation - H315
  - May cause drowsiness or dizziness - H336

### Precautionary statements

- Prevention**
- Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking. - P210
  - Keep container tightly closed. - P233
  - Keep cool. - P235
  - Ground and/or bond container and receiving equipment. - P240
  - Use explosion-proof - electrical, ventilating and/or lighting equipment. - P241
  - Use only non-sparking tools. - P242
  - Take precautionary measures against static discharge. - P243
  - Avoid breathing dust, fume, gas, mist, vapours and/or spray. - P261
  - Wash thoroughly after handling. - P264
  - Use only outdoors or in a well-ventilated area. - P271
  - Wear protective gloves/protective clothing/eye protection/face protection. - P280
- Response**
- In case of fire: Use appropriate media for extinction. - P370+P378
  - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. - P304+P340
  - Call a POISON CENTER or doctor/physician if you feel unwell. - P312
  - IF ON SKIN: Wash with plenty of soap and water. - P302+P352
  - Rinse skin with water/shower. - P353
  - Take off contaminated clothing and wash before reuse. - P362
  - If skin irritation occurs: Get medical advice/attention. - P332+P313
  - Specific treatment, see supplemental first aid information. - P321
- Storage/Disposal**
- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501
  - Store in a well-ventilated place. Keep container tightly closed. - P403+P233

## 2.3 Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Canada

According to WHMIS

## 2.1 Classification of the substance or mixture

WHMIS

- Flammable Liquids - B2
- Other Toxic Effects - D2B

## 2.2 Label elements

WHMIS



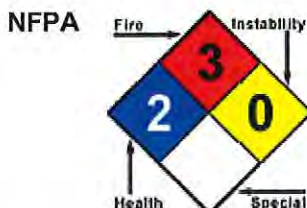
- Flammable Liquids - B2
- Other Toxic Effects - D2B

## 2.3 Other hazards

### WHMIS

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

## 2.4 Other information



See Section 12 for Ecological Information.

## Section 3 - Composition/Information on Ingredients

### 3.1 Substances

- Material does not meet the criteria of a substance according to United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS)  
Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

### 3.2 Mixtures

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Naphtha (petroleum), hydrotreated light	CAS:64742-49-0 EC Number:265-151-9	60% TO 100%	NDA	WHMIS:Flam. Liq. - B2; Other Toxic Effects - D2B EU DSD/DPD:Carcinogen 2 (Carc.Cat.2); Harmful(Xn); R45; R65 EU CLP: Annex VI - Carc. 1B, H350; Muta 1B, H340; Asp Tox, H304 OSHA HCS 2012: Flam. Liq. 2; Asp. 1, Skin Irrit. 2, STOT SE 3: Narc.	Annex VI carcinogen and mutagen classifications not applicable - contains <0.1% benzene
Carbon Black	CAS:1333-86-4 EC Number:215-609-9	1% TO 5%	Ingestion/Oral-Rat LD50 · >15400 mg/kg Skin-Rabbit LD50 · >3 g/kg	EU DSD/DPD: Self classified - Carc. 3 R40 EU CLP: Self classified - Carc. 2 H351 OSHA HCS 2012: Carc. 2	Will not be released in final product
Formaldehyde	CAS:50-00-0 EC Number:200-001-8 UN:UN1198	< 0.0117%	Ingestion/Oral-Rat LD50 · 100 mg/kg Inhalation-Rat LC50 · 250 ppm 4 Hour(s) Skin-Rabbit LD50 · 270 mg/kg	EU DSD/DPD: Annex I - T; R23/24/25 C; R34 Carc.Cat.3; R40 R43 EU CLP: Annex VI - Carc. 2, H351; Acute Tox. 3, H331; Acute Tox. 3, H311; Acute Tox. 3, H301; Skin Corr. 1B, H314; Skin Sens. 1, H317 OSHA HCS 2012: Carc. 1A; Acute Tox. 4 (Oral) Acute Tox 3 (Skn, Inhl) ; Skin Corr. 1B; Eye Dam. 1; Skin Sens. 1A	NDA

See Section 11 for Toxicological Information.

## Section 4 - First Aid Measures

### 4.1 Description of first aid measures

- Inhalation**
- Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
- Skin**
- In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Wash skin with soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.
- Eye**
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- Ingestion**
- Do NOT induce vomiting. If person is drowsy or unconscious and vomiting, place on the left side with head down. Seek medical attention.

### 4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### 4.3 Indication of any immediate medical attention and special treatment needed

- Notes to Physician**
- Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to the material.

See Section 2 for Potential Health Effects.

## Section 5 - Firefighting Measures

### 5.1 Extinguishing media

- Suitable Extinguishing Media**
- Carbon dioxide (CO<sub>2</sub>), water fog, dry chemical or chemical foam.
- Unsuitable Extinguishing Media**
- Avoid the use of streaming water, as this may spread the fire.

### 5.2 Special hazards arising from the substance or mixture

- Unusual Fire and Explosion Hazards**
- HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames. Containers may explode when heated. Extremely flammable liquid and vapor. Vapors may form explosive mixtures with air. Vapor explosion hazard indoors, outdoors or in sewers. Vapors may travel to source of ignition and flash back. Runoff to sewer may create fire or explosion hazard. Runoff from fire control may cause pollution.
- Hazardous Combustion Products**
- Smoke, soot, fumes or vapors, oxides of carbon, various hydrocarbons.

### 5.3 Advice for firefighters

- Structural firefighters' protective clothing will only provide limited protection. Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection. Wear positive pressure self-contained breathing apparatus (SCBA). Move containers from fire area if you can do it without risk. Use water spray to cool containers exposed to fire. LARGE FIRES: Dike fire-control water for later disposal.

## Section 6 - Accidental Release Measures

## 6.1 Personal precautions, protective equipment and emergency procedures

### Personal Precautions

- Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

### Emergency Procedures

- As an immediate precautionary measure, isolate spill or leak area for at least 50 meters (150 feet) in all directions. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Keep out of low areas. Keep unauthorized personnel away. Stay upwind. Ventilate closed spaces before entering.

## 6.2 Environmental precautions

- Avoid run off to waterways and sewers.

## 6.3 Methods and material for containment and cleaning up

### Containment/Clean-up Measures

- Stop leak if you can do it without risk.  
All equipment used when handling the product must be grounded.  
Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.  
Use clean non-sparking tools to collect absorbed material.  
A vapor suppressing foam may be used to reduce vapors.  
LARGE SPILLS: Dike far ahead of liquid spill for later disposal.

## 6.4 Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 - Handling and Storage

### 7.1 Precautions for safe handling

#### Handling

- Keep away from heat and ignition sources – No Smoking. Product can accumulate static charge by flow or agitation. Bond and ground equipment when transferring from one vessel to another. Empty containers retain product residue and may be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks or other ignition sources. They may explode and cause injury or death. Use only with adequate ventilation. Do not enter confined spaces such as tanks or pits without following proper entry procedures.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

- Store in a cool/low-temperature, well-ventilated place away from heat and ignition sources. Keep container closed when not in use. Keep away from incompatible materials.

#### Incompatible Materials or Ignition Sources

- Keep away from heat, ignition sources oxidizers and strong acids.

### 7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

## Section 8 - Exposure Controls/Personal Protection

### 8.1 Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada Ontario	Canada Quebec	Europe	France
Methylcyclohexane (108-87-2)	TWAs	400 ppm TWA	400 ppm TWA	400 ppm TWAEV; 1610 mg/m <sup>3</sup> TWAEV	Not established	400 ppm TWA [VME]; 1600 mg/m <sup>3</sup> TWA [VME]
3-Methylhexane	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	Not established	Not established	Not established

(589-34-4)	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA (listed under Heptane, all isomers)	Not established	Not established	Not established
Hexane, 2-methyl- (591-76-4)	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	Not established	Not established	Not established
	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA (listed under Heptane, all isomers)	Not established	Not established	Not established
Pentane, 2,3-dimethyl- (565-59-3)	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	Not established	Not established	Not established
	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA (listed under Heptane, all isomers)	Not established	Not established	Not established
1-Propene, 2-methyl- (115-11-7)	TWAs	250 ppm TWA (listed under Butenes, all isomers)	250 ppm TWA (listed under Butenes, all isomers)	Not established	Not established	Not established
Ethylbenzene (100-41-4)	STELs	Not established	125 ppm STEL	125 ppm STEV; 543 mg/m3 STEV	Not established	100 ppm STEL [VLCT] (restrictive limit); 442 mg/m3 STEL [VLCT] (restrictive limit)
	TWAs	20 ppm TWA	100 ppm TWA	100 ppm TWAEV; 434 mg/m3 TWAEV	Not established	20 ppm TWA [VME] (restrictive limit); 88.4 mg/m3 TWA [VME] (restrictive limit)
Benzene (71-43-2)	STELs	2.5 ppm STEL	2.5 ppm STEL (applies to workplaces to which the designated substance regulation does not apply); 2.5 ppm STEL (designated substances regulation)	5 ppm STEV; 15.5 mg/m3 STEV	Not established	Not established
	TWAs	0.5 ppm TWA	0.5 ppm TWA (applies to workplaces to which the designated substance regulation does not apply); 0.5 ppm TWA (designated substance regulation)	1 ppm TWAEV; 3 mg/m3 TWAEV	Not established	1 ppm TWA [VME] (restrictive limit); 3.25 mg/m3 TWA [VME] (restrictive limit)
Naphthalene (91-20-3)	STELs	15 ppm STEL	15 ppm STEL	15 ppm STEV; 79 mg/m3 STEV	Not established	Not established
	TWAs	10 ppm TWA	10 ppm TWA	10 ppm TWAEV; 52 mg/m3 TWAEV	Not established	10 ppm TWA [VME]; 50 mg/m3 TWA [VME]
Formaldehyde (50-00-0)	Ceilings	0.3 ppm Ceiling	1.5 ppm Ceiling	2 ppm Ceiling; 3 mg/m3 Ceiling	Not established	Not established
	STELs	Not established	1.0 ppm STEL	Not established	Not established	1 ppm STEL [VLCT]

	TWAs	Not established	Not established	Not established	Not established	0.5 ppm TWA [VME]
Toluene (108-88-3)	STELs	Not established	Not established	Not established	100 ppm STEL; 384 mg/m3 STEL	100 ppm STEL [VLCT] (restrictive limit); 384 mg/m3 STEL [VLCT] (restrictive limit)
	TWAs	20 ppm TWA	20 ppm TWA	50 ppm TWAEV; 188 mg/m3 TWAEV	50 ppm TWA; 192 mg/m3 TWA	50 ppm TWA [VME] (restrictive limit); 192 mg/m3 TWA [VME] (restrictive limit)
Carbon Black (1333-86-4)	TWAs	3 mg/m3 TWA (inhalable fraction)	3.5 mg/m3 TWA	3.5 mg/m3 TWAEV	Not established	3.5 mg/m3 TWA [VME]
Heptane (142-82-5)	STELs	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEL (listed under Heptane, all isomers)	500 ppm STEV; 2050 mg/m3 STEV	Not established	500 ppm STEL [VLCT] (restrictive limit); 2085 mg/m3 STEL [VLCT] (restrictive limit)
	TWAs	400 ppm TWA (listed under Heptane, all isomers)	400 ppm TWA	400 ppm TWAEV; 1640 mg/m3 TWAEV	Not established	400 ppm TWA [VME] (restrictive limit); 1668 mg/m3 TWA [VME] (restrictive limit)

### Exposure Limits/Guidelines (Con't.)

	Result	Italy	NIOSH	OSHA
Methylcyclohexane (108-87-2)	TWAs	Not established	400 ppm TWA; 1600 mg/m3 TWA	500 ppm TWA; 2000 mg/m3 TWA
Ethylbenzene (100-41-4)	STELs	200 ppm STEL; 884 mg/m3 STEL	125 ppm STEL; 545 mg/m3 STEL	Not established
	TWAs	100 ppm TWA; 442 mg/m3 TWA	100 ppm TWA; 435 mg/m3 TWA	100 ppm TWA; 435 mg/m3 TWA
Benzene (71-43-2)	TWAs	1 ppm TWA; 3.25 mg/m3 TWA	0.1 ppm TWA	10 ppm TWA (applies to industry segments exempt from the benzene standard at 29 CFR 1910.1028); 1 ppm TWA
	Ceilings	Not established	Not established	25 ppm Ceiling
	STELs	Not established	1 ppm STEL	5 ppm STEL (see 29 CFR 1910.1028)
Naphthalene (91-20-3)	TWAs	Not established	10 ppm TWA; 50 mg/m3 TWA	10 ppm TWA; 50 mg/m3 TWA
	STELs	Not established	15 ppm STEL; 75 mg/m3 STEL	Not established
Formaldehyde (50-00-0)	STELs	Not established	Not established	2 ppm STEL (see 29 CFR 1910.1048)
	TWAs	Not established	0.016 ppm TWA	0.75 ppm TWA
	Ceilings	Not established	0.1 ppm Ceiling (15 min)	Not established
Toluene (108-88-3)	TWAs	50 ppm TWA; 192 mg/m3 TWA	100 ppm TWA; 375 mg/m3 TWA	200 ppm TWA
	Ceilings	Not established	Not established	300 ppm Ceiling



	STELs	Not established	150 ppm STEL; 560 mg/m <sup>3</sup> STEL	Not established
Carbon Black (1333-86-4)	TWAs	Not established	3.5 mg/m <sup>3</sup> TWA; 0.1 mg/m <sup>3</sup> TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m <sup>3</sup> TWA
Heptane (142-82-5)	TWAs	500 ppm TWA; 2085 mg/m <sup>3</sup> TWA	85 ppm TWA; 350 mg/m <sup>3</sup> TWA	500 ppm TWA; 2000 mg/m <sup>3</sup> TWA
	Ceilings	Not established	440 ppm Ceiling (15 min); 1800 mg/m <sup>3</sup> Ceiling (15 min)	Not established

## 8.2 Exposure controls

### Engineering

### Measures/Controls

- Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable exposure limit values.

### Personal Protective Equipment

#### Pictograms



#### Respiratory

- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced. In case of insufficient ventilation, wear suitable respiratory equipment.

#### Eye/Face

- Wear safety goggles.

#### Hands

- Wear protective gloves -neoprene, butyl or nitrile rubber with cuffs.

#### Skin/Body

- Where extensive dermal exposure may be expected, either a chemical suit or chemical apron will be needed.

### General Industrial Hygiene Considerations

- Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

### Environmental Exposure Controls

- Follow best practice for site management and disposal of waste. Avoid release to the environment.

#### Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

TWAEV = Time-Weighted Average Exposure Value

NIOSH = National Institute of Occupational Safety and Health

STEL = Short Term Exposure Limits are based on 15-minute exposures

OSHA = Occupational Safety and Health Administration

VME = Valeur Moyenne d'Exposition is the maximum permissible concentration for a work day

MSHA = Mine Safety and Health Administration

STEV = Short Term Exposure Value

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

VLCT = Valeurs limites d'exposition à court terme is the short-term exposure limit based on 15-minute exposure.

## Section 9 - Physical and Chemical Properties

### 9.1 Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Black flammable liquid with a hydrocarbon odor.

<b>Color</b>	Black	<b>Odor</b>	Hydrocarbon
<b>Taste</b>	Data lacking	<b>Particulate Type</b>	Not relevant
<b>Particulate Size</b>	Not relevant	<b>Aerosol Type</b>	Not relevant
<b>Odor Threshold</b>	Data lacking	<b>Physical and Chemical Properties</b>	Data lacking
<b>General Properties</b>			
<b>Boiling Point</b>	200 F(93.3333 C)	<b>Melting Point</b>	Data lacking
<b>Decomposition Temperature</b>	Data lacking	<b>Heat of Decomposition</b>	Data lacking
<b>pH</b>	Data lacking	<b>Specific Gravity/Relative Density</b>	0.82 Water=1
<b>Density</b>	6.83 lbs/gal	<b>Bulk Density</b>	Data lacking
<b>Water Solubility</b>	Insoluble	<b>Solvent Solubility</b>	Data lacking
<b>Viscosity</b>	Not relevant	<b>Explosive Properties</b>	Classification criteria not met.
<b>Oxidizing Properties:</b>	Classification criteria not met.		
<b>Volatility</b>			
<b>Vapor Pressure</b>	45 mmHg (torr) @ 68 C(154.4 F)	<b>Vapor Density</b>	3.5 Air=1
<b>Evaporation Rate</b>	4.2 n-Butyl Acetate = 1	<b>VOC (Wt.)</b>	Data lacking
<b>VOC (Vol.)</b>	495 g/L	<b>Volatiles (Wt.)</b>	Data lacking
<b>Volatiles (Vol.)</b>	Data lacking		
<b>Flammability</b>			
<b>Flash Point</b>	-10 C(14 F)	<b>UEL</b>	7 %
<b>LEL</b>	1 %	<b>Autoignition</b>	223 C(433.4 F)
<b>Self-Accelerating Decomposition Temperature (SADT)</b>	Data lacking	<b>Heat of Combustion (<math>\Delta H_c</math>)</b>	Data lacking
<b>Burning Time</b>	Data lacking	<b>Flame Duration</b>	Data lacking
<b>Flame Height</b>	Data lacking	<b>Flame Extension</b>	Data lacking
<b>Ignition Distance</b>	Data lacking	<b>Flammability (solid, gas)</b>	Classification criteria not met.
<b>Environmental</b>			
<b>Half-Life</b>	Data lacking	<b>Octanol/Water Partition coefficient</b>	Data lacking
<b>Coefficient of water/oil distribution</b>	Data lacking	<b>Bioaccumulation Factor</b>	Data lacking
<b>Bioconcentration Factor</b>	Data lacking	<b>Biochemical Oxygen Demand BOD/BOD5</b>	Data lacking
<b>Chemical Oxygen Demand</b>	Data lacking	<b>Persistence</b>	Data lacking
<b>Degradation</b>	Data lacking		

## 9.2 Other Information

- No additional physical and chemical parameters noted.

## Section 10: Stability and Reactivity

### 10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

**10.2 Chemical stability**

- Stable under normal temperatures and pressures.

**10.3 Possibility of hazardous reactions**

- Hazardous polymerization will not occur.

**10.4 Conditions to avoid**

- High temperatures, sparks, open flames and live electrical circuits.

**10.5 Incompatible materials**

- Oxidizing agents, strong acids.

**10.6 Hazardous decomposition products**

- In case of fire oxides of carbon, hydrocarbons, fumes or vapors, soot and smoke may be produced.

**Section 11 - Toxicological Information****11.1 Information on toxicological effects**

GHS Properties	Classification
Acute toxicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	EU/CLP • Skin Irritation 2 OSHA HCS 2012 • Skin Irritation 2
Skin sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-RE	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
STOT-SE	EU/CLP • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects OSHA HCS 2012 • Specific Target Organ Toxicity Single Exposure 3: Narcotic Effects
Toxicity for Reproduction	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	EU/CLP • Classification criteria not met OSHA HCS 2012 • Classification criteria not met

**Target Organs**

- Central Nervous System (CNS)

**Route(s) of entry/exposure**

- Inhalation, Skin, Eye, Ingestion

**Potential Health Effects****Inhalation****Acute (Immediate)**

- May affect the central nervous system. Symptoms may include dizziness,

drowsiness, lethargy, coma and death. Intentional concentration and inhalation of vapors of this material may lead to nervous system damage.

**Chronic (Delayed)**

- Material data lacking.

**Skin**

**Acute (Immediate)**

- Causes skin irritation.

**Chronic (Delayed)**

- Repeated and prolonged exposure may cause dermatitis.

**Eye**

**Acute (Immediate)**

- May cause mild irritation.

**Chronic (Delayed)**

- Material data lacking.

**Ingestion**

**Acute (Immediate)**

- May cause irritation if swallowed.

**Chronic (Delayed)**

- Material data lacking.

**Carcinogenic Effects**

- This product contains carbon black (encapsulated)(1333-86-4). According to IARC "No significant exposure to carbon black is thought to occur during the use of products in which carbon black is bound to other materials, such as rubber, printing ink or paint."

Carcinogenic Effects				
	CAS	IARC	OSHA	NTP
Formaldehyde	50-00-0	Group 1-Carcinogenic	Specifically Regulated Carcinogen	Known Human Carcinogen
Carbon Black	1333-86-4	Group 2B-Possible Carcinogen	Not established	Not established

## Section 12 - Ecological Information

### 12.1 Toxicity

- Material data lacking.

### 12.2 Persistence and degradability

- No data available

### 12.3 Bioaccumulative potential

- Material data lacking.

### 12.4 Mobility in Soil

- Material data lacking.

### 12.5 Results of PBT and vPvB assessment

- PBT and vPvB assessment has not been carried out.

### 12.6 Other adverse effects

- No studies have been found.

### 12.7 Other Information

- No data is available on the adverse effects of this material on the environment. Aquatic toxicity values are expected to be in the range of 1 - 10 mg/l based upon data from components and similar products.

## Section 13 - Disposal Considerations

### 13.1 Waste treatment methods

**Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Section 14 - Transport Information**

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	UN1133	Adhesives, containing a flammable liquid	3	II	NDA
TDG	UN1133	ADHESIVES containing flammable liquid	3	II	Marine Pollutant
IMO/IMDG	UN1133	ADHESIVES containing flammable liquid	3	II	Marine Pollutant
IATA/ICAO	UN1133	Adhesives containing flammable liquid	3	II	Acute Aquatic Toxicity, Chronic Aquatic Toxicity

**14.6 Special precautions for user**

- None specified.

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

- This product is provided only in non-bulk containers.

**Section 15 - Regulatory Information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

SARA Hazard Classifications ● Acute, Fire

State Right To Know				
Component	CAS	MA	NJ	PA
Naphtha (petroleum), hydrotreated light	64742-49-0	No	No	No
Heptane	142-82-5	Yes	Yes	Yes
3-Methylhexane	589-34-4	Yes	Yes	Yes
Methylcyclohexane	108-87-2	Yes	Yes	Yes
Hexane, 2-methyl-	591-76-4	Yes	No	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes
3-Ethylpentane	617-78-7	No	No	No
Pentane, 2,3-dimethyl-	565-59-3	Yes	Yes	Yes
Isobutylene-Isoprene polymer	9010-85-9	No	No	No
Polyterpene resin	26813-14-9	No	No	No
Toluene	108-88-3	Yes	Yes	Yes

Formaldehyde	50-00-0	Yes	Yes	Yes
Naphthalene	91-20-3	Yes	Yes	Yes
Benzene	71-43-2	Yes	Yes	Yes
Ethylbenzene	100-41-4	Yes	Yes	Yes
1-Propene, 2-methyl-	115-11-7	Yes	Yes	Yes
Isoprene	78-79-5	Yes	Yes	Yes

Inventory						
Component	CAS	Canada DSL	Canada NDSL	China	EU EINECS	EU ELNICS
Naphtha (petroleum), hydrotreated light	64742-49-0	Yes	No	Yes	Yes	No
Heptane	142-82-5	Yes	No	Yes	Yes	No
3-Methylhexane	589-34-4	No	Yes	Yes	Yes	No
Methylcyclohexane	108-87-2	Yes	No	Yes	Yes	No
Hexane, 2-methyl-	591-76-4	Yes	No	Yes	Yes	No
Carbon Black	1333-86-4	Yes	No	Yes	Yes	Yes
3-Ethylpentane	617-78-7	No	No	Yes	Yes	No
Pentane, 2,3-dimethyl-	565-59-3	No	Yes	Yes	Yes	No
Isobutylene-Isoprene polymer	9010-85-9	Yes	No	Yes	No	No
Polyterpene resin	26813-14-9	Yes	No	Yes	No	No
Toluene	108-88-3	Yes	No	Yes	Yes	No
Formaldehyde	50-00-0	Yes	No	Yes	Yes	No
Naphthalene	91-20-3	Yes	No	Yes	Yes	No
Benzene	71-43-2	Yes	No	Yes	Yes	No
Ethylbenzene	100-41-4	Yes	No	Yes	Yes	No
1-Propene, 2-methyl-	115-11-7	Yes	No	Yes	Yes	No
Isoprene	78-79-5	Yes	No	Yes	Yes	No

Inventory (Con't.)				
Component	CAS	Japan ENCS	Korea KECL	TSCA
Naphtha (petroleum), hydrotreated light	64742-49-0	Yes	Yes	Yes
Heptane	142-82-5	Yes	Yes	Yes
3-Methylhexane	589-34-4	Yes	Yes	Yes
Methylcyclohexane	108-87-2	Yes	Yes	Yes
Hexane, 2-methyl-	591-76-4	Yes	Yes	Yes
Carbon Black	1333-86-4	Yes	Yes	Yes
3-Ethylpentane	617-78-7	Yes	Yes	No
Pentane, 2,3-dimethyl-	565-59-3	Yes	Yes	Yes

Isobutylene-Isoprene polymer	9010-85-9	Yes	Yes	Yes
Polyterpene resin	26813-14-9	No	Yes	Yes
Toluene	108-88-3	Yes	Yes	Yes
Formaldehyde	50-00-0	Yes	Yes	Yes
Naphthalene	91-20-3	Yes	Yes	Yes
Benzene	71-43-2	Yes	Yes	Yes
Ethylbenzene	100-41-4	Yes	Yes	Yes
1-Propene, 2-methyl-	115-11-7	Yes	Yes	Yes
Isoprene	78-79-5	Yes	Yes	Yes

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	B2
• 3-Methylhexane	589-34-4	0% TO 30%	B2
• Hexane, 2-methyl-	591-76-4	0% TO 15%	B2
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	B4, D2A
• Formaldehyde	50-00-0	< 0.0117%	A, B1, D1A, D2A, D2B; B3, D1A, D2A, D2B, E (regulated under Formol) D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Carbon Black, non-respirable on Health Canada's WHMIS Division website.)
• Carbon Black	1333-86-4	1% TO 5%	
• Ethylbenzene	100-41-4	< 0.001%	B2, D2A, D2B
• Heptane	142-82-5	30% TO 45%	B2, D2B
• Toluene	108-88-3	< 0.05%	B2, D2A, D2B
• Benzene	71-43-2	< 0.001%	B2, D2A, D2B
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	B2
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### Canada - WHMIS - Ingredient Disclosure List

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	1 %
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	1 %
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	1 %

• Formaldehyde	50-00-0	< 0.0117%	0.1 %
• Carbon Black	1333-86-4	1% TO 5%	1 %
• Ethylbenzene	100-41-4	< 0.001%	0.1 %
• Heptane	142-82-5	30% TO 45%	1 %
• Toluene	108-88-3	< 0.05%	1 %
• Benzene	71-43-2	< 0.001%	0.1 %
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

**Environment****Canada - CEPA - Priority Substances List**

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	Priority Substance List 2 (substance considered toxic)
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Priority Substance List 1 (substance not considered toxic)
• Benzene	71-43-2	< 0.001%	Priority Substance List 1 (substance considered toxic)
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

**Europe****Other****EU - CLP (1272/2008) - Annex VI - Table 3.2 - Classification**

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Carc.Cat.2; R45 Muta.Cat.2; R46 Xn; R65
• Methylcyclohexane	108-87-2	0% TO 20%	F; R11 Xi; R38 N; R51-53 Xn; R65 R67
• 3-Methylhexane	589-34-4	0% TO 30%	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• Hexane, 2-methyl-	591-76-4	0% TO 15%	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	F+; R12 Carc.Cat.2; R45 R52-53 Muta.Cat.3; R68
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	F+; R12
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Xn; R22 Carc.Cat.3; R40 N; R50-53
• Formaldehyde	50-00-0	< 0.0117%	T; R23/24/25 C; R34 Carc.Cat.3; R40 R43
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	F; R11 Xn; R20
• Heptane	142-82-5	30% TO 45%	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• Toluene	108-88-3	< 0.05%	F; R11 Xi; R38 Xn; R48/20-65 Repr.Cat.3; R63 R67



• Benzene	71-43-2	< 0.001%	F; R11 Xi; R36/38 Carc.Cat.1; R45 Muta.Cat.2; R46 T; R48/23/24/25 Xn; R65
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	F; R11 Xi; R38 N; R50-53 Xn; R65 R67
• 3-Ethylpentane	617-78-7	0% TO 5%	F; R11 Xi; R38 N; R50-53 Xn; R65 R67

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Concentration Limits**

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	0.2%<=C: R:43 25%<=C: T; R:23/24/25 5%<=C<25%: Xn; R:20/21/22 25%<=C: C; R:34 5%<=C<25%: Xi; R:36/37/38
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Labelling**

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	T R:45-46-65 S:53-45
• Methylcyclohexane	108-87-2	0% TO 20%	F Xn N R:11-38-51/53-65-67 S:(2)-9-16-33-61-62
• 3-Methylhexane	589-34-4	0% TO 30%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• Hexane, 2-methyl-	591-76-4	0% TO 15%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	F+ T R:45-12-68-52/53 S:53-45-61
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	F+ R:12 S:(2)-9-16-33
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Xn N R:22-40-50/53 S:(2)-36/37-46-60-61
• Formaldehyde	50-00-0	< 0.0117%	T R:23/24/25-34-40-43 S:(1/2)-26-36/37/39-45-51
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	F Xn R:11-20 S:(2)-16-24/25-29
• Heptane	142-82-5	30% TO 45%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• Toluene	108-88-3	< 0.05%	F Xn R:11-38-48/20-63-65-67 S:(2)-36/37-46-62
• Benzene	71-43-2	< 0.001%	F T R:45-46-11-36/38-48/23/24/25-65 S:53-45
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62
• 3-Ethylpentane	617-78-7	0% TO 5%	F Xn N R:11-38-65-67-50/53 S:(2)-9-16-29-33-60-61-62

**EU - CLP (1272/2008) - Annex VI - Table 3.2 - Notes - Substances and Preparations**

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	P
---	------------	-------------	---

• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	C
• Hexane, 2-methyl-	591-76-4	0% TO 15%	C
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	D
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	C
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	B, D
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	C
• Toluene	108-88-3	< 0.05%	Not Listed
• Benzene	71-43-2	< 0.001%	E
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	C
• 3-Ethylpentane	617-78-7	0% TO 5%	C

#### EU - CLP (1272/2008) - Annex VI - Table 3.2 - Safety Phrases

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	S:53-45
• Methylcyclohexane	108-87-2	0% TO 20%	S:(2)-9-16-33-61-62
• 3-Methylhexane	589-34-4	0% TO 30%	S:(2)-9-16-29-33-60-61-62
• Hexane, 2-methyl-	591-76-4	0% TO 15%	S:(2)-9-16-29-33-60-61-62
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	S:53-45-61
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	S:(2)-9-16-33
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	S:(2)-36/37-46-60-61
• Formaldehyde	50-00-0	< 0.0117%	S:(1/2)-26-36/37/39-45-51
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	S:(2)-16-24/25-29
• Heptane	142-82-5	30% TO 45%	S:(2)-9-16-29-33-60-61-62
• Toluene	108-88-3	< 0.05%	S:(2)-36/37-46-62
• Benzene	71-43-2	< 0.001%	S:53-45
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	S:(2)-9-16-29-33-60-61-62
• 3-Ethylpentane	617-78-7	0% TO 5%	S:(2)-9-16-29-33-60-61-62

## United States

### Labor

#### U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed

• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	1000 lb TQ
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - OSHA - Specifically Regulated Chemicals

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	2 ppm STEL (Irritant and potential cancer hazard, See 29 CFR 1910.1048, 15 min); 0.5 ppm Action Level; 0.75 ppm TWA
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Benzene	71-43-2	< 0.001%	5 ppm STEL (Cancer hazard, Flammable, See 29 CFR 1910.1028, 15 min); 0.5 ppm Action Level; 1 ppm TWA
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### Environment

##### U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	
• Formaldehyde	50-00-0	< 0.0117%	
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Benzene	71-43-2	< 0.001%	(including Benzene from gasoline)

● Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
● 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

● Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
● Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
● 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
● Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
● Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
● Isoprene	78-79-5	< 0.0001%	100 lb final RQ; 45.4 kg final RQ
● 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
● Polyterpene resin	26813-14-9	7.78%	Not Listed
● Naphthalene	91-20-3	< 0.003%	100 lb final RQ; 45.4 kg final RQ
● Formaldehyde	50-00-0	< 0.0117%	100 lb final RQ; 45.4 kg final RQ
● Carbon Black	1333-86-4	1% TO 5%	Not Listed
● Ethylbenzene	100-41-4	< 0.001%	1000 lb final RQ; 454 kg final RQ
● Heptane	142-82-5	30% TO 45%	Not Listed
● Toluene	108-88-3	< 0.05%	1000 lb final RQ; 454 kg final RQ
● Benzene	71-43-2	< 0.001%	10 lb final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule); 4.54 kg final RQ (received an adjusted RQ of 10 lbs based on potential carcinogenicity in an August 14, 1989 final rule)
● Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
● 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

● Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
● Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
● 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
● Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
● Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
● Isoprene	78-79-5	< 0.0001%	Not Listed
● 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
● Polyterpene resin	26813-14-9	7.78%	Not Listed
● Naphthalene	91-20-3	< 0.003%	Not Listed
● Formaldehyde	50-00-0	< 0.0117%	Not Listed
● Carbon Black	1333-86-4	1% TO 5%	Not Listed
● Ethylbenzene	100-41-4	< 0.001%	Not Listed
● Heptane	142-82-5	30% TO 45%	Not Listed
● Toluene	108-88-3	< 0.05%	Not Listed
● Benzene	71-43-2	< 0.001%	Not Listed
● Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
● 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

● Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
● Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
● 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
● Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
● Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
● Isoprene	78-79-5	< 0.0001%	Not Listed
● 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
● Polyterpene resin	26813-14-9	7.78%	Not Listed
● Naphthalene	91-20-3	< 0.003%	Not Listed
● Formaldehyde	50-00-0	< 0.0117%	100 lb EPCRA RQ
● Carbon Black	1333-86-4	1% TO 5%	Not Listed
● Ethylbenzene	100-41-4	< 0.001%	Not Listed
● Heptane	142-82-5	30% TO 45%	Not Listed
● Toluene	108-88-3	< 0.05%	Not Listed
● Benzene	71-43-2	< 0.001%	Not Listed
● Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
● 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

● Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
● Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
● 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
● Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
● Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
● Isoprene	78-79-5	< 0.0001%	Not Listed
● 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
● Polyterpene resin	26813-14-9	7.78%	Not Listed
● Naphthalene	91-20-3	< 0.003%	Not Listed
● Formaldehyde	50-00-0	< 0.0117%	500 lb TPQ
● Carbon Black	1333-86-4	1% TO 5%	Not Listed
● Ethylbenzene	100-41-4	< 0.001%	Not Listed
● Heptane	142-82-5	30% TO 45%	Not Listed
● Toluene	108-88-3	< 0.05%	Not Listed
● Benzene	71-43-2	< 0.001%	Not Listed
● Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
● 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - CERCLA/SARA - Section 313 - Emission Reporting

● Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
● Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
● 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
● Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
● Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
● Isoprene	78-79-5	< 0.0001%	0.1 % de minimis concentration
● 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
● Polyterpene resin	26813-14-9	7.78%	Not Listed
● Naphthalene	91-20-3	< 0.003%	0.1 % de minimis concentration
● Formaldehyde	50-00-0	< 0.0117%	0.1 % de minimis concentration
● Carbon Black	1333-86-4	1% TO 5%	Not Listed

• Ethylbenzene	100-41-4	< 0.001%	0.1 % de minimis concentration
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	1.0 % de minimis concentration
• Benzene	71-43-2	< 0.001%	0.1 % de minimis concentration
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Included in waste streams: F024, F025, F034, F039, K001, K035, K060, K087, K145
• Formaldehyde	50-00-0	< 0.0117%	Included in waste streams: K009, K010, K038, K040, K156, K157
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Included in waste stream: F039
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Included in waste streams: F005, F024, F025, F039, K015, K036, K037, K149, K151
• Benzene	71-43-2	< 0.001%	Included in waste streams: F005, F024, F025, F037, F038, F039, K085, K104, K105, K141, K142, K143, K144, K145, K147, K151, K159, K169, K171, K172
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring**

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Benzene	71-43-2	< 0.001%	
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - D Series Wastes - Max Conc of Contaminants for the Tox Characteristic**

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Benzene	71-43-2	< 0.001%	0.5 mg/L regulatory level
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261**

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed

• Naphthalene	91-20-3	< 0.003%	waste number U165
• Formaldehyde	50-00-0	< 0.0117%	waste number U122
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	waste number U220
• Benzene	71-43-2	< 0.001%	waste number U019
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	
• Formaldehyde	50-00-0	< 0.0117%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Benzene	71-43-2	< 0.001%	
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - RCRA (Resource Conservation & Recovery Act) - Phase 4 LDR Rule - Universal Treatment Standards

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	0.059 mg/L (wastewater); 5.6 mg/kg (nonwastewater)
• Formaldehyde	50-00-0	< 0.0117%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	0.057 mg/L (wastewater); 10 mg/kg (nonwastewater)
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	0.080 mg/L (wastewater); 10 mg/kg (nonwastewater)
• Benzene	71-43-2	< 0.001%	0.14 mg/L (wastewater); 10 mg/kg (nonwastewater)
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring



• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	
• Formaldehyde	50-00-0	< 0.0117%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Benzene	71-43-2	< 0.001%	
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics**

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	waste number U165
• Formaldehyde	50-00-0	< 0.0117%	waste number U122
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	waste number U220
• Benzene	71-43-2	< 0.001%	waste number U019 (Ignitable waste, Toxic waste)
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

**U.S. - RCRA (Resource Conservation & Recovery Act) - Waste Minimization Priority Chemicals**

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed

• Naphthalene	91-20-3	< 0.003%	
• Formaldehyde	50-00-0	< 0.0117%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Benzene	71-43-2	< 0.001%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

## United States - California

### Environment

#### U.S. - California - Proposition 65 - Carcinogens List

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	carcinogen, initial date 5/1/96
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	carcinogen, initial date 4/19/02
• Formaldehyde	50-00-0	< 0.0117%	carcinogen, initial date 1/1/88 (gas)
• Carbon Black	1333-86-4	1% TO 5%	carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
• Ethylbenzene	100-41-4	< 0.001%	carcinogen, initial date 6/11/04
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Benzene	71-43-2	< 0.001%	carcinogen, initial date 2/27/87
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - California - Proposition 65 - Developmental Toxicity

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	developmental toxicity, initial date 1/1/91

• Benzene	71-43-2	< 0.001%	developmental toxicity, initial date 12/26/97
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	7000 µg/day MADL (level represents absorbed dose)
• Benzene	71-43-2	< 0.001%	24 µg/day MADL (oral); 49 µg/day MADL (inhalation)
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	5.8 µg/day NSRL
• Formaldehyde	50-00-0	< 0.0117%	40 µg/day NSRL (gas)
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	54 µg/day NSRL (inhalation); 41 µg/day NSRL (oral)
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Benzene	71-43-2	< 0.001%	6.4 µg/day NSRL (oral); 13 µg/day NSRL (inhalation)
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed

• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	female reproductive toxicity, initial date 8/7/09
• Benzene	71-43-2	< 0.001%	Not Listed
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - California - Proposition 65 - Reproductive Toxicity - Male

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	Not Listed
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Benzene	71-43-2	< 0.001%	male reproductive toxicity, initial date 12/26/97
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

## United States - Pennsylvania

### Labor

#### U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	
• Formaldehyde	50-00-0	< 0.0117%	

• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	
• Benzene	71-43-2	< 0.001%	
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

#### U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Not Listed
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Not Listed
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Not Listed
• Formaldehyde	50-00-0	< 0.0117%	
• Carbon Black	1333-86-4	1% TO 5%	Not Listed
• Ethylbenzene	100-41-4	< 0.001%	Not Listed
• Heptane	142-82-5	30% TO 45%	Not Listed
• Toluene	108-88-3	< 0.05%	Not Listed
• Benzene	71-43-2	< 0.001%	
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

## United States - Rhode Island

### Labor

#### U.S. - Rhode Island - Hazardous Substance List

• Naphtha (petroleum), hydrotreated light	64742-49-0	60% TO 100%	Not Listed
• Methylcyclohexane	108-87-2	0% TO 20%	Toxic
• 3-Methylhexane	589-34-4	0% TO 30%	Not Listed
• Hexane, 2-methyl-	591-76-4	0% TO 15%	Not Listed
• Isobutylene-Isoprene polymer	9010-85-9	13.53%	Not Listed
• Isoprene	78-79-5	< 0.0001%	Flammable
• 1-Propene, 2-methyl-	115-11-7	< 0.0001%	Not Listed
• Polyterpene resin	26813-14-9	7.78%	Not Listed
• Naphthalene	91-20-3	< 0.003%	Toxic; Flammable
• Formaldehyde	50-00-0	< 0.0117%	Toxic; Flammable; Carcinogen
• Carbon Black	1333-86-4	1% TO 5%	Toxic
• Ethylbenzene	100-41-4	< 0.001%	Toxic; Flammable
• Heptane	142-82-5	30% TO 45%	Toxic; Flammable
• Toluene	108-88-3	< 0.05%	Toxic (skin); Flammable (skin)
• Benzene	71-43-2	< 0.001%	Toxic (skin); Flammable (skin); Carcinogen (skin)
• Pentane, 2,3-dimethyl-	565-59-3	0% TO 5%	Not Listed
• 3-Ethylpentane	617-78-7	0% TO 5%	Not Listed

---

## 15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.
- 

### Section 16 - Other Information

- |  |   |
|--|---|
| <b>Last Revision Date</b>                | ● 29/June/2012  |
| <b>Preparation Date</b>                  | ● 29/June/2012  |
| <b>Disclaimer/Statement of Liability</b> | ● The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstance of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1. |

**Key to abbreviations**

NDA = No data available.

---